

49. (New) A permanent magnet in which the magnetization direction varies to control the magnetic field at a selected point, the magnet having a front face, and a back face substantially conforming to a surface of equal contribution.

50. (New) The permanent magnet according to claim 49 wherein the magnetic material is monolithic with a continuously variable magnetization direction.

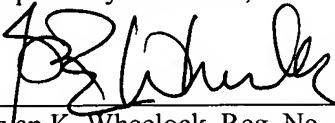
51. (New) The permanent magnet according to claim 49 wherein the magnetic material comprises a plurality of discrete magnet segments, with the magnetization direction of each segment having a constant magnetization direction.

REMARKS

Applicants have canceled claims 3, 4, 7, 8, and 11-30 directed to the non-elected invention, and have added new claims 31-51. Applicant believes that no additional fee is required for the new claims added in this application. If this is not correct, the Commissioner is respectfully requested to charge any additional Fee to Deposit Account 08-0750. Claims 5 and 10 have been amended. Upon entry of the above amendments, claims 3, 4, 7, 8, 9, 10 and 31-51, will be pending in this application.

In response to the restriction requirement, Applicant elects Invention I, Embodiment 1 set forth in the Office Action. According to the Office Action, claims 1-2 and 5-6 cover the elected invention and species. Applicant has added new claims 31-51 directed to the elected invention. Applicant submits that upon entry of the above amendments and consideration of the above remarks, that all the claims pending in this application will be in condition for allowance. If it would advance the prosecution of this application, the Examiner is invited to telephone the undersigned.

Respectfully submitted,


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ATTACHMENT SHOWING AMENDMENTS TO CLAIMS

Claim 5 has been amended as follows:

5. A permanent magnet in which the magnetization direction varies in [three] two dimensions with location to optimize a desired magnetic field property in a selected direction at a selected point.

Claim 10 has been amended as follows:

10. (Amended) A method of performing a medical procedure using the magnet of claim [3] 5 to project a magnetic field into a patient to control a magnetic medical element inside the patient.
